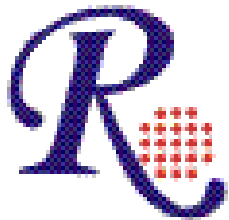




Genomic DNA

Highly purified genomic DNAs from Calf Thymus, Herring Sperm and Salmon Sperm are provided at 10 mg/ml. Trevigen's sheared DNA preparations have a fragment size range of 80–500 bp and are qualified for Northern, Southern, probe array, and dot blotting procedures. The format allows convenient addition to buffers to create a final recommended working concentration of 0.1 mg/ml. Quality control testing includes concentration determination, fragment sizing by gel electrophoresis, A260/A280 ultraviolet absorbance ratio, and protein content.

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Apoptosis is the process of programmed cell death that involves a series of biochemical events leading to a characteristic cell morphology and death, including blebbing and changes to the cell membrane, such as loss of membrane asymmetry and attachment, cell shrinkage, nuclear fragmentation, chromatin condensation, and chromosomal DNA fragmentation.

Apoptosis is mediated by a diverse range of cell signals, both extracellular and intracellular. Extracellular signals may include toxins, hormones, growth factors, nitric oxide or cytokines. Intracellular apoptotic signaling may be induced in response to stress via, heat, radiation, nutrient deprivation, viral infection, hypoxia and increased intracellular calcium concentration or the binding of nuclear receptors by glucocorticoids. These signals may positively or negatively induce apoptosis.

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iPRECIO

Now available in Australia for use is the iPRECIO SMP-300 –

Currently until the end of April, there is a 25% discount applicable to the iPRECIO pumps , SMP-200 and SMP-300.

There is also the management system available but no discount is applicable. The purchase of the iPRECIO Management System is necessary to program the pumps.

This system of course is a software programme and only required to be purchased once – here is the link detailing the programme :

<http://www.iprecio.com/products/tabid/215/Default.aspx>

If you require a quotation, please do not hesitate to send an email – This offer will end April 30 2017!

For a quotation please email- info@biosci.com.au



JBScreen JCSG++ is a sparse matrix screen optimized for initial screening of crystallization conditions of biological macromolecules. The screen has been formulated by researchers from the Joint Center for Structural Genomics (JCSG) [1] and from the European Genomics Consortium [2].


96 reagents have been selected with the aim to maximize the coverage of the crystallization parameter space and to reduce the redundancy of crystallization conditions within commercially available crystallization screens. Thus, a core set of 66 conditions used by the JCSG for high-throughput structural determination [1] was extended to 96 screening conditions in order to round off the pH profile and to incorporate different precipitants such as succinate, malonate and formate.


When JBScreen JCSG++ is used along with JBScreen PACT++, the benefits of a sparse matrix screen can be combined with the systematic investigation the precipitation behaviour of the protein.

Contact our office for further information: info@biosci.com.au



Proteomics

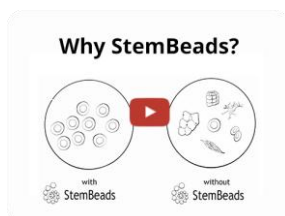
 Proteomics is the study of the structure of proteins and their particular function. Proteins are a vital piece of the puzzle in living organisms, as they are the main components of the physiological metabolic pathways of cells. The proteome is the entire complement of proteins, including the modifications made to a particular set of proteins, produced by an organism or system. This will vary with time and distinct requirements, or stresses, that a cell or organism undergoes.

 Genlantis was the first company to offer a commercially available [BioPORTER Protein Delivery Reagent](#). This reagent delivers functional protein into the cell for protein function studies. With SoluBL21, a optimized E. coli strain for expressing insoluble proteins in soluble form, as well as cell lysis, and extraction methods, you have powerful tools for proteomic research.

Details on website www.genlantis.com



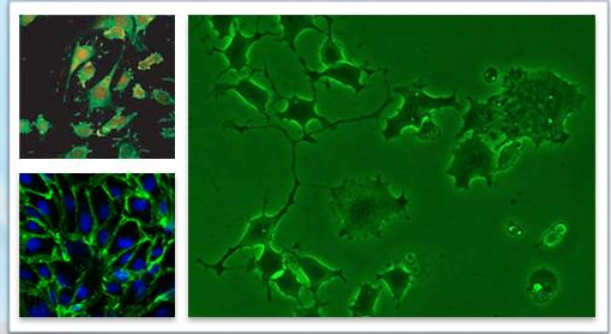
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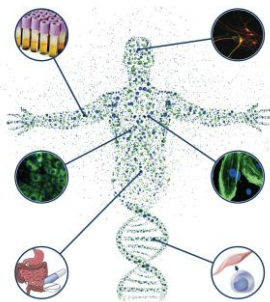


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